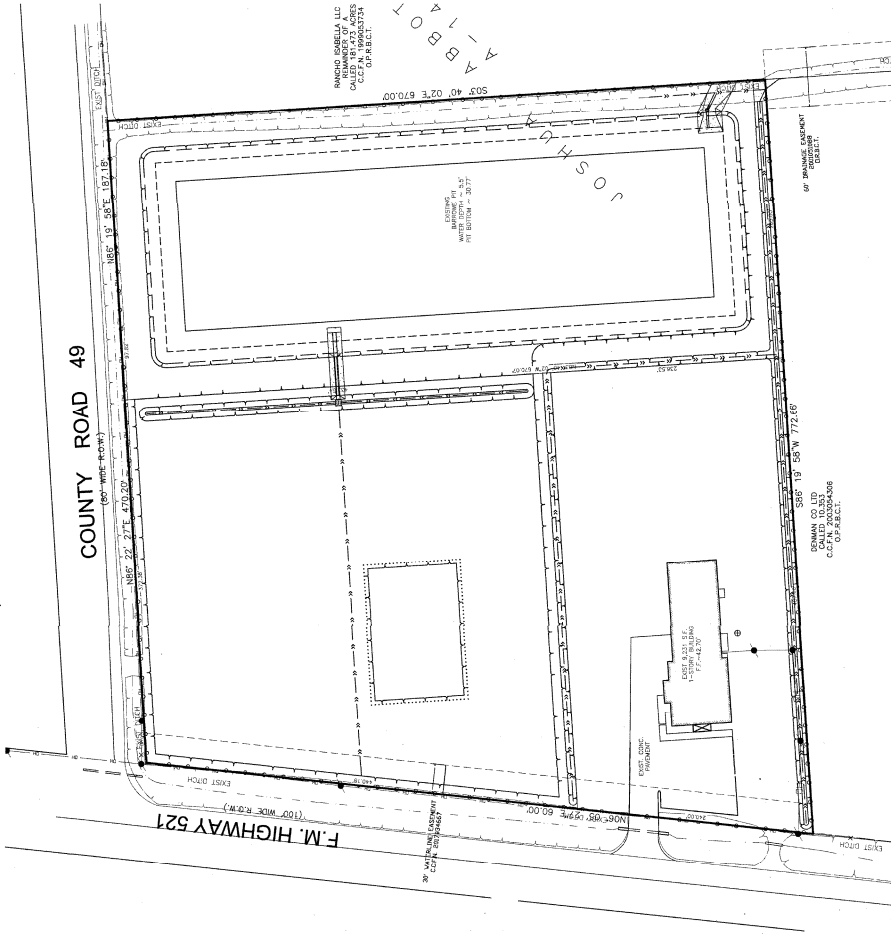
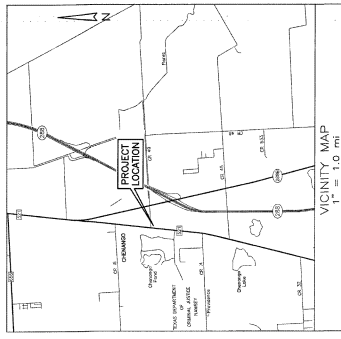


# PROPOSED DEVELOPMENT FOR I&D LEGACY COMMERCIAL PARK C.R. 49 AT F.M. 521 COUNTY OF BRAZORIA COUNTY, TEXAS GRADING, DRAINAGE AND DETENTION



**INDEX OF SHEETS**

NO.	DESCRIPTION
TS	TITLE SHEET
C.1	CONSTRUCTION NOTES
C.2	EXISTING CONDITION
C.3	GRADING PLAN
C.4	DRAINAGE AREA MAP
C.5	POND LAYOUT AND CROSS SECTIONS
C.6	HYDROLOGIC CALCULATIONS
C.7	DRAINAGE CALCULATIONS
C.8	SWPPP LAYOUT AND DETAILS
C.9	SWPPP NARRATIVE
C.10	STORM SEWER DETAILS (1 OF 2)
C.11	STORM SEWER DETAILS (2 OF 2)

**Commissioner's signature for final approval:**

APPROVED BY BRAZORIA COUNTY DRAINAGE DISTRICT #5  
 Date: 8/1/13  
 Name: [Signature]  
 Title: Vice President

Date: 8/1/13  
 Name: [Signature]  
 Title: District Engineer

Note: Project field earnings will occur within 185 calendar days from date here shown. Continuation and resubmittal field work is required.  
 BDD# 5.1.D.#\_B230248.

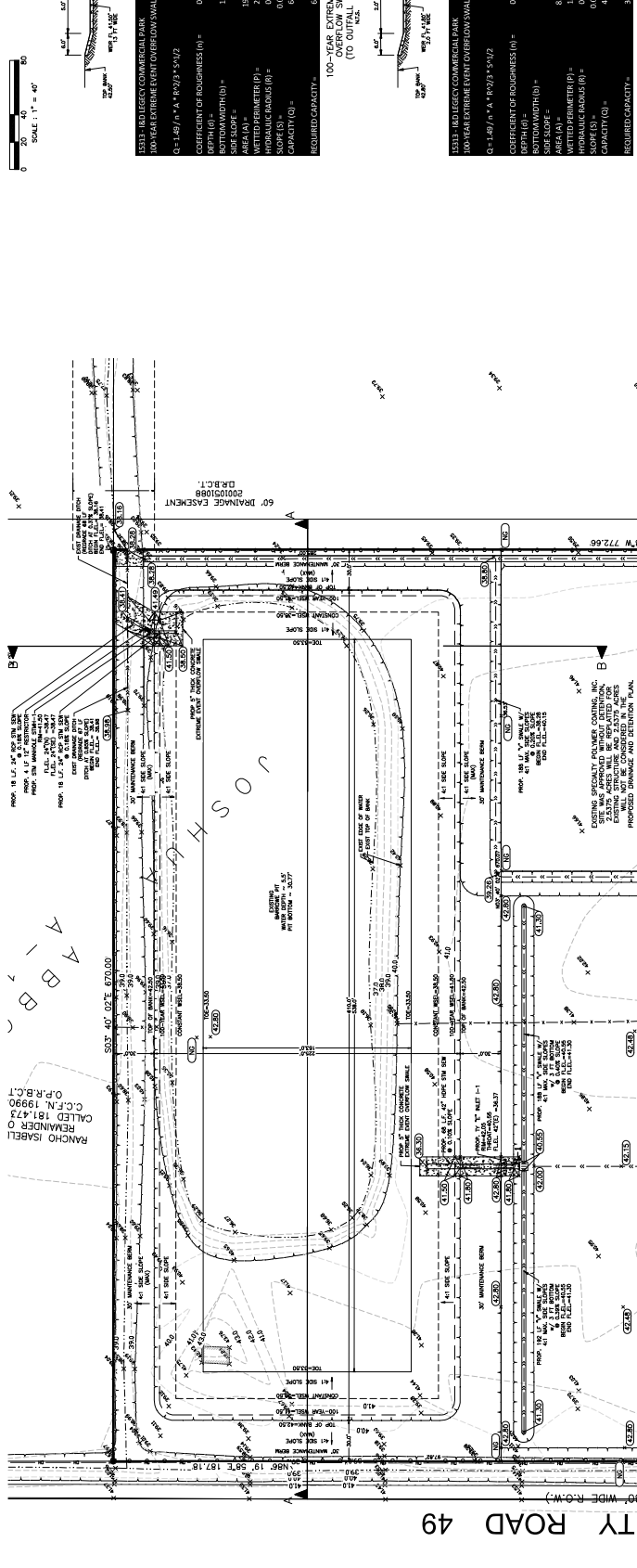
<p>1 06/27/21 24.40 SUBMITTAL</p> <p>2 07/18/21 PLAN RESUBMITTAL PER BDD #6 COMMENTS 1</p>	<p>DESIGNED: RAL</p> <p>DRAWN: RAL</p> <p>CHECKED: _____</p> <p>DATE: _____</p>	<p>PLAN: N.T.S.</p> <p>PROFILE: _____</p> <p>HORIZONTAL: _____</p> <p>VERTICAL: _____</p>	<p><b>OWNER:</b>  <b>I&amp;D Legacy Partners, LLC</b>                  Mr. Alex Garcia                  22503 FM 521                  Angleton, Texas 77515                  Telephone: (832) 886-1053</p>	<p>The seal appearing on this document was procured by [Signature] P.E. 89374 Date: Jan 24, 2013</p>	<p><b>B&amp;L</b>                  ENGINEERS - PLANNERS - SURVEYORS                  304 E. BAY ST. WEAVER PARK, AURORA, IL 60009                  REG. NO. F-825</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>APPROVED</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	DESCRIPTION	APPROVED					<p style="text-align: center;">TITLE SHEET</p> <p style="text-align: center;">I&amp;D LEGACY COMMERCIAL PARK                  11.00 ACRE TRACT                  CR 49 AT FM 521                  BRAZORIA COUNTY, TEXAS</p> <p style="text-align: right;">PROJECT NO. 15313</p>
NO.	DATE	DESCRIPTION	APPROVED												





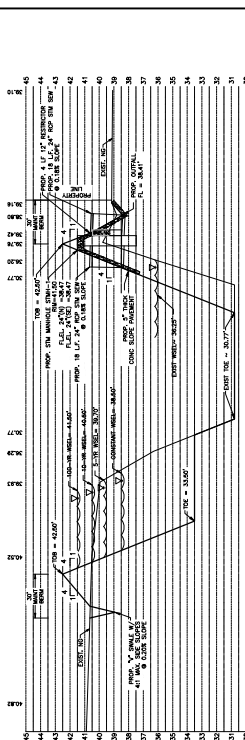
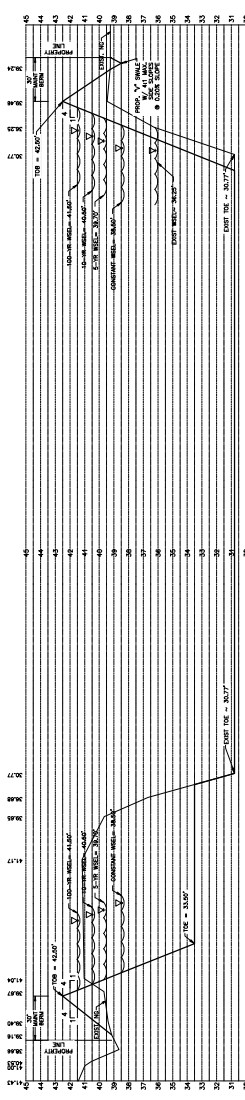






**SECTION A**  
 100-YEAR EXTREME EVENT OVERFLOW SWALE (TO OUTFALL DITCH)  
 C-1.547/A, R-0.93/5.93Z  
 COEFFICIENT OF ROUGHNESS (n) = 0.015 SMOOTH CONCRETE PAVEMENT  
 DEPTH (d) = 3.00 FT  
 SCOTCHMOUTH (b) = 2.00 FT  
 SLOPE (S) = 0.005  
 AREA (A) = 19.00 SQ FT  
 WETTED PERIMETER (P) = 25.17 FT  
 HYDRAULIC RADIUS (R) = 0.755 FT  
 VELOCITY (V) = 4.629 FT/SEC  
 CAPACITY (Q) = 64.52 CFS  
 REQUIRED CAPACITY = 62.93 CFS

**SECTION B**  
 100-YEAR EXTREME EVENT OVERFLOW SWALE (TO DETENTION POND)  
 C-1.547/A, R-0.93/5.93Z  
 COEFFICIENT OF ROUGHNESS (n) = 0.015 SMOOTH CONCRETE PAVEMENT  
 DEPTH (d) = 3.00 FT  
 SCOTCHMOUTH (b) = 2.00 FT  
 SLOPE (S) = 0.005  
 AREA (A) = 8.00 SQ FT  
 WETTED PERIMETER (P) = 14.17 FT  
 HYDRAULIC RADIUS (R) = 0.665 FT  
 VELOCITY (V) = 4.629 FT/SEC  
 CAPACITY (Q) = 30.90 CFS



**NOTES:**  
 1. THE DESIGN OF THIS PROJECT IS BASED ON THE LATEST AVAILABLE DATA AND INFORMATION.  
 2. ALL REVISIONS SHOULD BE MADE ON THE ORIGINAL DRAWING.  
 3. THE DESIGN IS SUBJECT TO THE APPROVAL OF THE LOCAL, STATE, AND FEDERAL AGENCIES.  
 4. THE DESIGN IS SUBJECT TO THE APPROVAL OF THE LOCAL, STATE, AND FEDERAL AGENCIES.  
 5. THE DESIGN IS SUBJECT TO THE APPROVAL OF THE LOCAL, STATE, AND FEDERAL AGENCIES.

1	06/27/23	PLAN SUBMITTAL	REL	DESIGNED	REL
2	07/19/23	PLAN RESUBMITTAL PER BCDD F5 COMMENTS 1	REL	DRAWN	REL/BB
				CHECKED	
				DATE	
NO.	DATE	DESCRIPTION	APPROVED		
REVISIONS					

**OWNER:**  
**I&D Legacy Partners, LLC**  
 Mr. Alex Garcia  
 22503 FM 521  
 Angleton, Texas 77515  
 Telephone: (832) 866-1053

**PLANNING:**  
 I&D LEGACY COMMERCIAL PARK  
 11.00 ACRE TRACT  
 CR 49 AT FM 521  
 BRAZORIA COUNTY, TEXAS

**PROJECT NO. 15313**

**C-5**







**PROJECT/SITE INFORMATION**

PROJECT NAME: DEVELOPMENT FOR MSR HOUSTON SHOWROOM & GARAGE  
 PROJECT ADDRESS/LOCATION: CR 48 AT SH 288  
 CITY: ANGLETON STATE: TX ZIP CODE: 77515  
 LATITUDE: 29.1644, 107.1010 LONGITUDE: 95.2547, 29 W. COUNTY: BRAZORIA  
 NAME OF RECEIVING WATERS: FLORES BAYOU SYSTEM TO GULF OF MEXICO

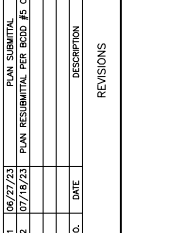
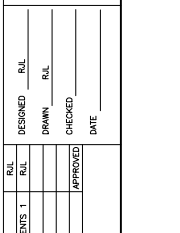
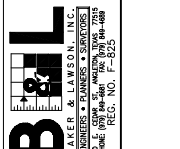
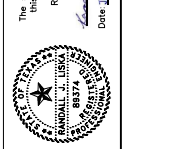
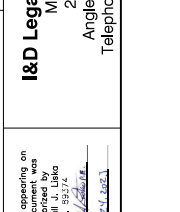
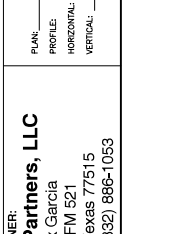
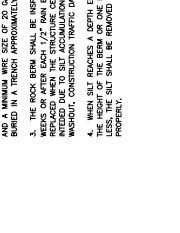
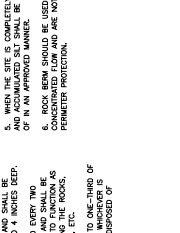
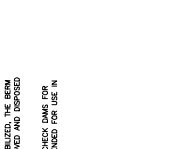
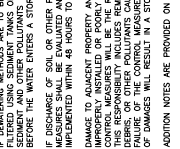
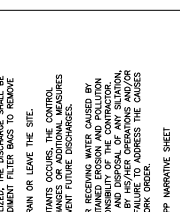
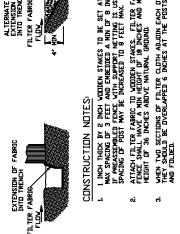
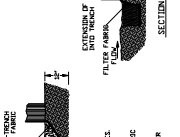
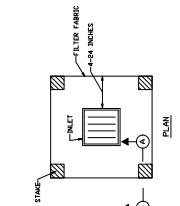
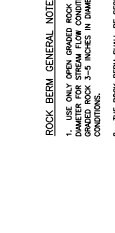
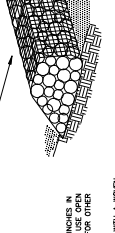
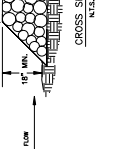
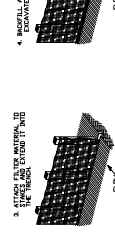
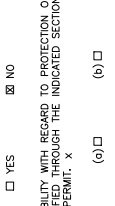
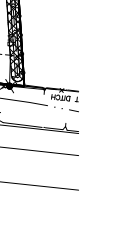
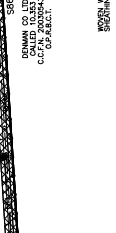
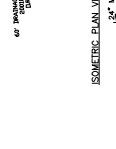
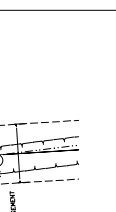
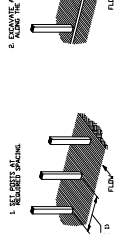
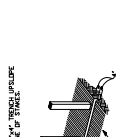
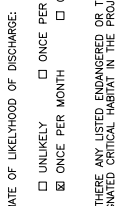
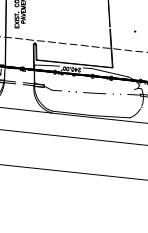
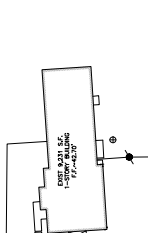
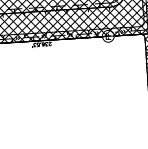
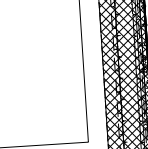
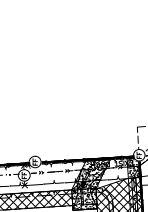
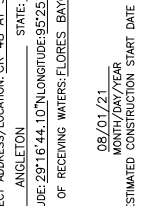
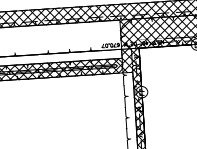
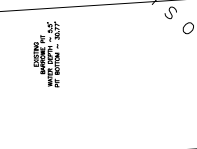
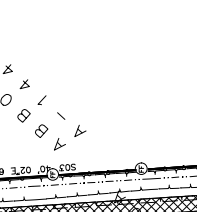
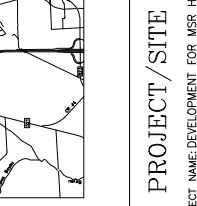
06/01/21 MONTH/DAY/YEAR  
 06/20/22 MONTH/DAY/YEAR  
 ESTIMATED CONSTRUCTION START DATE ESTIMATED COMPLETION DATE  
 ESTIMATE OF AREA TO BE DISTURBED: 9.8998 ACRES  
 ESTIMATE OF LIKELIHOOD OF DISCHARGE:  
 UNLIKELY  ONCE PER WEEK  CONTINUAL  
 ONCE PER MONTH  ONCE PER DAY

ARE THERE ANY LISTED ENDANGERED OR THREATENED SPECIES, OR DESIGNATED CRITICAL HABITAT IN THE PROJECT AREA?  
 YES  NO

ELIGIBILITY WITH REGARD TO PROTECTION OF ENDANGERED SPECIES HAS BEEN SATISFIED THROUGH THE INDICATED SECTION OF PART 1.8.3(a)(2) OF THE PERMIT. X



NOTE: ASSOCIATE EROSION CONTROL AND RE-VEGETATION SHALL BE ACCOMPLISHED DURING AND FOLLOWING CONSTRUCTION OF THE DETENTION FACILITY. SEE SURVEY AND SETBACK TO PREVENT EROSION.



**OWNER:**

**I&D Legacy Partners, LLC**  
 Mr. Alex Garcia  
 22503 FM 521  
 Angleton, Texas 77515  
 Telephone: (832) 866-1053

**DESIGNED**

DESIGNED: RLL  
 DRAWN: RLL  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_

**REVISIONS**

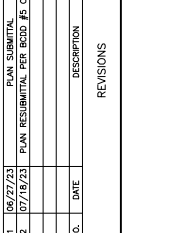
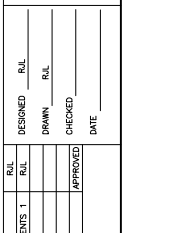
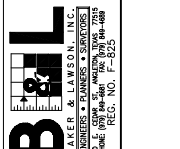
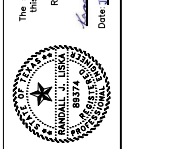
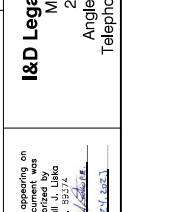
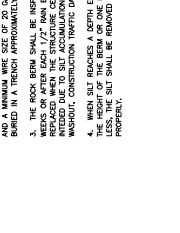
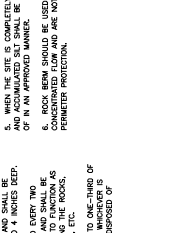
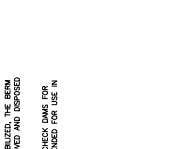
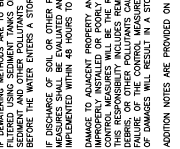
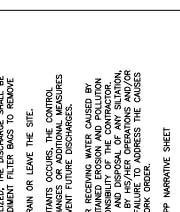
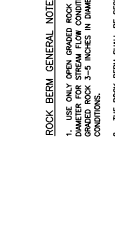
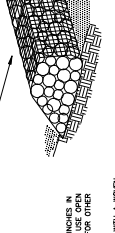
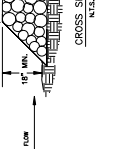
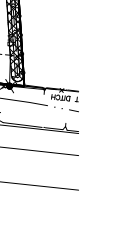
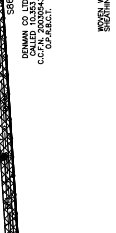
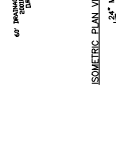
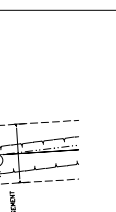
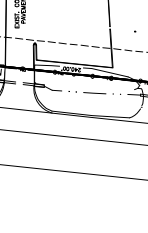
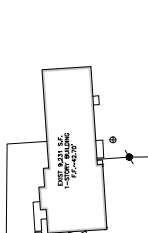
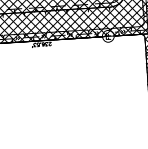
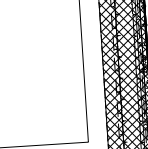
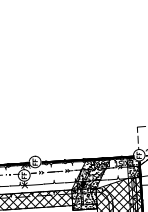
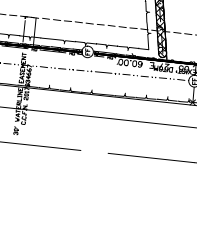
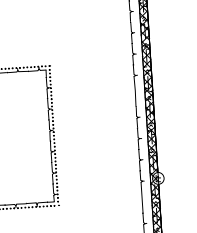
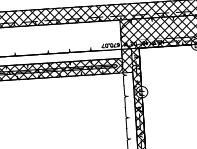
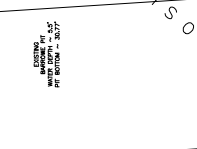
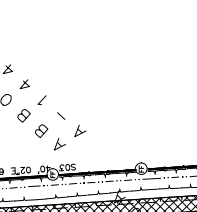
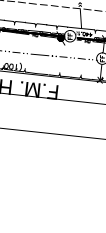
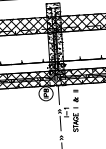
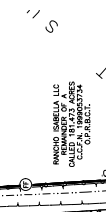
NO.	DATE	DESCRIPTION	APPROVED
1	06/27/23	PLAN SUBMITTAL	RLL
2	07/19/23	PLAN RESUBMITTAL PER ACID FS COMMENTS 1	RLL

**ADDITIONAL NOTES**

- WHEN THE SITE IS COMPLETELY STABILIZED, THE BERM AND ACCUMULATED SILT SHALL BE REMOVED AND DEPOSITED OR IN AN APPROVED MANNER.
- THE ROCK BERM SHALL BE SECURED WITH A WOVEN BERM IN A TRENCH APPROXIMATELY 3 TO 4 INCHES DEEP, AND A MINIMUM WIRE SIZE OF 30 GAUGE AND SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED DUE TO SILT ACCUMULATION ALONG THE ROCKS.
- WHEN SET BACKS A FEET OR MORE TO ONE THIRD OF THE HEIGHT OF THE BERM OR ONE FOOT, WHICHEVER IS GREATER, THE BERM OR ONE FOOT, WHICHEVER IS GREATER, SHALL BE REMOVED AND DEPOSITED IN PROPERLY.

**CONSTRUCTION NOTES**

1. HIGH ROCKS BY 2 INCH VERTICAL STAKES TO BE SET AT 10' INTERVALS ALONG THE ENTIRE LENGTH OF THE BERM. IN AREAS WHERE ROCKS ARE NOT AVAILABLE, 2" X 4" WOOD STUDS SHALL BE USED TO MAINTAIN THE HEIGHT OF THE ROCKS ABOVE MINIMUM GRADE AND NOT ALLOW THE BERM TO SETTLE OR SLIDE WITHIN PERMIT AREA.
2. AT 10' INTERVALS, STAKES TO BE SET AT 10' INTERVALS ALONG THE ENTIRE LENGTH OF THE BERM. IN AREAS WHERE ROCKS ARE NOT AVAILABLE, 2" X 4" WOOD STUDS SHALL BE USED TO MAINTAIN THE HEIGHT OF THE ROCKS ABOVE MINIMUM GRADE AND NOT ALLOW THE BERM TO SETTLE OR SLIDE WITHIN PERMIT AREA.
3. THE ROCKS SHALL BE PLACED IN A STOP WORK ORDER.



1. SITE DESCRIPTION

- A. NATURE OF THE CONSTRUCTION ACTIVITY:  
 THE PROJECT CONSISTS OF THE FILING AND GRADING OF THE LOT AND CONSTRUCTION OF A BUILDING PAD DETENTION IN BRAZORIA COUNTY, TEXAS. THE SITE IS LOCATED ON THE CHENANGO RANCH TO THE WEST, CR 49 AND COMMERCIAL DEVELOPMENTS TO THE NORTH, UNDEVELOPED LAND TO THE EAST AND SOUTH. CONSTRUCTION SHALL CONSIST OF ONE 45854 SF WET DETENTION POND, ONE BUILDING PAD AND FILL OF THE SITE.
- B. INTENDED SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:  
 THE WORK AREA WILL BE CLEARED OF ALL VEGETATIVE MATTER. THE PROPOSED BUILDING PAD DETENTION POND WILL BE CONSTRUCTED FIRST. THE BUILDING PAD DETENTION POND WILL BE SPREAD ON THE SITE. STORM WATER FROM THE SITE WILL BE DIRECTED TO AN INLET THEN TO THE DETENTION POND. TRUCKS WILL BE USED TO HAUL WASTE FROM CONSTRUCTION AND DELIVER BASE MATERIAL AND CONSTRUCTION MATERIAL TO THE SITE. THESE TRUCKS WILL REQUIRE WASHDOWN FOR PRESSURE WASHING. ROUTING OF WASTE DURING SET WEATHER. BRUSHING SOLID MATERIAL TO THE TRUCKS. TRUCKS WILL BE WASHED AND CLEAN OFF OF CR 49 DAILY.
- C. TOTAL PROJECT AREA: 11,000 ACRES
- D. TOTAL AREA TO BE DISTURBED: 8.4625 ACRES
- E. WEIGHTED RUNOFF COEFFICIENT: 0.30 (AFTER CONSTRUCTION): 0.95

F. REFER TO GENERAL LOCATION MAP AND SITE MAP FOR DRAINAGE PATTERNS AND APPROXIMATE LOCATIONS OF MAJOR STRUCTURAL AND NON-STRUCTURAL LOCATIONS. LOCATIONS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR; CONTROL OF OFF-SITE MATERIAL, WASTE, BORROW OR EQUIPMENT STORAGE AREAS; SURFACE WATERS (INCLUDING WETLANDS); AND LOCATIONS WHERE STORM WATER DISCHARGES TO A SURFACE WATER.

G. LOCATION AND DESCRIPTION OF ANY DISCHARGE ASSOCIATED WITH MINOR ACTIVITY OTHER THAN CONSTRUCTION:  
 NONE

H. NAME OF RECEIVING WATERS:  
 IN THE PROPOSED DETENTION POND, STORMWATER WILL BE GRAVITY DRAINED TO A MANHOLE, WHICH WILL DRAIN THRU AN 12" PVC RESTRICTIVE OUTLET INTO THE DRAINAGE SWALE LOCATED ON THE EAST SIDE OF THE SITE. WATER IN THE DETENTION POND SYSTEM OUTFALLS INTO AN ON-SITE DITCH, THEN TO A DRAINAGE DITCH TO THE SOUTH, THEN TO FLORES BANGU WHICH OUTFALLS INTO THE GULF OF MEXICO.

I. AREA EXTENT AND DESCRIPTION OF WETLAND OR SPECIAL AQUATIC SITE AT OR NEAR THE SITE WHICH WILL BE DISTURBED OR WHICH WILL RECEIVE DISCHARGES FROM DISTURBED AREAS OF THE PROJECT:  
 NONE

J. REFER TO FEDERAL REGISTER, VOLUME 61, NO. 129, MONDAY, JULY 6, 1996, PAGES 46047 TO 46055 FOR REQUIREMENTS OF NPDES GENERAL PERMITS FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES IN REGION 6.

K. LISTED ENDANGERED OR THREATENED SPECIES OR CRITICAL HABITAT FOUND IN PROXIMITY TO THE CONSTRUCTION ACTIVITY:  
 NONE

L. PROPERTY LISTED OR ELIGIBLE FOR LISTING ON THE NATIONAL REGISTER OF HISTORIC PLACES:  
 NONE

2. CONTROLS

NARRATIVE - SEQUENCE OF CONSTRUCTION ACTIVITIES AND APPROPRIATE CONTROL MEASURES DURING CONSTRUCTION

- TEMPORARY EROSION AND SEDIMENTATION CONTROLS ARE TO BE INSTALLED AS INDICATED ON THE APPROVED PLAN AND IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THESE CONTROLS.
- THE GENERAL CONTRACTOR WILL FOLLOW THE SWPPP POSTED ON THE SITE. TEMPORARY EROSION AND SEDIMENTATION CONTROLS WILL FOLLOW THE SWPPP POSTED ON THE SITE. TEMPORARY EROSION AND SEDIMENTATION CONTROLS WILL FOLLOW THE SWPPP POSTED ON THE SITE. TEMPORARY EROSION AND SEDIMENTATION CONTROLS WILL FOLLOW THE SWPPP POSTED ON THE SITE.
- ROUGH GRADE THE POND(S) AT 100% PROPOSED CAPACITY, EITHER THE PERMANENT OUTLET STRUCTURE OR A TEMPORARY OUTLET MUST BE CONSTRUCTED PRIOR TO THE DEVELOPMENT OF EROSION OR EXCAVATION THAT LEADS TO EROSION CONDITIONS. THE DEVELOPMENT OF EROSION OR EXCAVATION THAT LEADS TO EROSION CONDITIONS SHALL BE PREVENTED THROUGHOUT THE COURSE OF CONSTRUCTION UNTIL INSTALLATION OF PERMANENT WATER QUALITY POND(S).
- IN ACCORDANCE WITH THE SWPPP POSTED ON SITE, EROSION CONTROLS WILL BE INSPECTED AND MAINTAINED AS NECESSARY THROUGHOUT THE COURSE OF CONSTRUCTION.
- CONSTRUCT PROPOSED ON-SITE DRAINAGE CHANNELS WITH CURBLET, ALONG WITH STORM WATER SYSTEMS AND OUT OF POND.
- CONSTRUCT AND MAINTAIN SLOPE PROTECTION AND FILTER MEDIA WILL BE INSTALLED PRIOR TO CONSTRUCTION WITH REVEGETATION OF THE SITE. HYDROMULCH SEEDING TO CONCURRENTLY WITH REVEGETATION OF SITE.
- COMPLETE CONSTRUCTION AND START REVEGETATION OF THE SITE. HYDROMULCH SEEDING OF POND AND INSTALLATION OF LANDSCAPING.
- CONSTRUCTION CONTROLS AND COMPLETE ANY NECESSARY FINAL REVEGETATION RESULTING FROM REMOVAL OF THE CONTROL.

SOIL STABILIZATION PRACTICES:	OWNER/ DEVELOPER	GENERAL CONTRACTOR	BUILDER	OTHER
TEMPORARY SEEDING			X	
PERMANENT PLANTING, SODDING, OR SEEDING				
MULCHING - WHERE INDICATED				
SOIL RETENTION BARRIERS				
VEGETATIVE BUFFER STRIPS				
PREPARATION OF NATURAL RESOURCES				
OTHER:				

THE FOLLOWING RECORDS SHALL BE MAINTAINED AND ATTACHED TO THIS SWPPP:  
 DATES WHEN MAJOR GRADING ACTIVITIES OCCUR, DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, DATES WHEN STABILIZATION MEASURES ARE INITIATED.

STRUCTURAL PRACTICES:	OWNER/ DEVELOPER	GENERAL CONTRACTOR	BUILDER	OTHER
SILT FENCES			X	
WET BARRIERS				
ROCK BERMS				
DIVERSION, INTERCEPTOR, OR PERIMETER DIKES				
DIVERSION, INTERCEPTOR, OR PERIMETER SWALES				
DIVERSION DIKE AND SWALE COMBINATIONS				
PIPE SLOPE DRAINS			X	
ROCK BEDDING AT CONSTRUCTION EXIT				
TIMBER MATING AT CONSTRUCTION EXIT				
SEDIMENT BASINS				
STORM INLET PROTECTION			X	
STONE OUTLET STRUCTURES				
OTHER:				

B. STORM WATER MANAGEMENT MEASURES INSTALLED DURING CONSTRUCTION TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION:  
 STORM SEWERS, WET DETENTION

C. OTHER CONTROLS

NO SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED TO WATERS OF THE UNITED STATES, EXCEPT AS AUTHORIZED BY A PERMIT ISSUED UNDER SECTION 404 OF THE CLEAN WATER ACT.

WASTE MATERIALS: ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL CONTAINER. THE CONTAINER SHALL MEET ALL STATE AND CITY SOLID WASTE MANAGEMENT REGULATIONS. THE CONTAINER SHALL BE EMPTIED AS NECESSARY AND THE TRASH Hauled TO AN APPROPRIATE DUMP SITE. NO CONSTRUCTION MATERIALS WILL BE BURNED ON SITE.

HAZARDOUS WASTE (INCLUDING SPILL REPORTING) AT A MINIMUM, ANY PRODUCTS IN THE FOLLOWING CATEGORIES ARE CONSIDERED TO BE HAZARDOUS: PAINT, CLEANING SOLVENTS, ADHESIVES, GLUES, SEALANTS, AND CONCRETE CURING COMPOUNDS AND ADDITIVES. IN THE EVENT OF A SPILL WHICH MAY BE HAZARDOUS, THE SPILL COORDINATOR SHOULD BE CONTACTED IMMEDIATELY.

SANITARY WASTE: PORTABLE SANITARY FACILITIES WILL BE PROVIDED BY THE CONTRACTOR. ALL SANITARY WASTES WILL BE COLLECTED FROM PORTABLE UNITS AND SERVICED BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.

OFFSITE VEHICLE TRACKING SHALL BE MINIMIZED BY:  
 X HAUL ROADS DAMPED OR DIRT CONTROL LOADED  
 X EXCESS DIRT ON ROAD REMOVED DAILY  
 X STABILIZED CONSTRUCTION ENTRANCE  
 OTHER: TRACKS HAVING VEGETATION AND DEBRIS WILL BE MONITORED AND SHALL BE COVERED WITH BARRIERS IF REQUIRED TO PREVENT DUST OR OTHER PARTICLES FROM BLOWING OR FALLING FROM TRUCK.

REMARKS: ALL OPERATIONS WILL BE CONDUCTED IN A MANNER THAT WILL MINIMIZE AND CONTROL THE AMOUNT OF SEDIMENT THAT MAY ENTER RECEIVING WATERS. DISPOSAL AREAS SHALL NOT BE LOCATED IN ANY WETLAND, WATERBODY, OR STREAMED. CONSTRUCTION STAGING AREAS AND VEHICLE MAINTENANCE AREAS SHALL BE CONSTRUCTED BY THE CONTRACTOR IN A MANNER TO MINIMIZE THE RUNOFF OF POLLUTANTS.

3. MAINTENANCE

ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN EFFECTIVE OPERATING CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. MAINTENANCE SHALL BE PERFORMED BUT NO LATER THAN SEVEN CALENDAR DAYS AFTER THE GROUND HAS DRIED SUFFICIENTLY TO PREVENT FURTHER DAMAGE FROM HEAVY EQUIPMENT. THE AREAS ADJACENT TO DRAINAGE WAYS SHALL HAVE PRIORITY, FOLLOWED BY DRIVES PROTECTING STORM SEWER INLETS. MAINTENANCE SHALL BE PERFORMED BEFORE THE NEXT ANTICIPATED STORM EVENT OR AS SOON AS FEASIBLE.

4. INSPECTION

ALL INSPECTIONS WILL BE PERFORMED BY THE PERMITS EVERY FOURTEEN DAYS AS WELL AS AFTER EACH ONE-TO-FIVE INCH OR GREATER RAINFALL EVENT. AN INSPECTION AND RAINFALL REPORT WILL BE MADE AFTER EACH INSPECTION. ANY DEFICIENCIES WILL BE NOTED AND APPROPRIATE CHANGES SHALL BE MADE TO THE SYSTEM TO COMPLY WITH REQUIREMENTS.

5. NON-STORMWATER DISCHARGES

- FREE HYDRANT FLUSHING
- BUILDING WASHDOWN WITHOUT DETERGENTS
- PAVEMENT WASHDOWN WITHOUT DETERGENTS
- CONDENSATE
- UNCONTAMINATED FOUNDATION DRAINS
- UNCONTAMINATED FOUNDATION DRAINS

NO.	DATE	DESCRIPTION	APPROVED	CHECKED	DATE
1	06/27/23	PLAN SUBMITTAL		DESIGNED	RAL
2	07/19/23	PLAN RESUBMITTAL PER ACID FS COMMENTS 1		DRAWN	RAL

REVISIONS

The seal depicting an authorized professional engineer is authorized by the State of Texas, P.E. 88374, expires 07/24.

Date: 7/19/23

**I&D Legacy Partners, LLC**  
 Mr. Alex Garcia  
 22503 FM 521  
 Angleton, Texas 77515  
 Telephone: (832) 866-1053

**I&D LEGACY COMMERCIAL PARK**  
 11.00 ACRE TRACT  
 CR 49 AT FM 521  
 BRAZORIA COUNTY, TEXAS

**SECTIONAL NOTES**

1. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

2. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

3. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

4. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

5. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

6. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

7. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

8. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

9. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

10. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

**STANDARD DETAILS**

NO.	DESCRIPTION	DATE
1	MANHOLE	11/11/11
2	MANHOLE	11/11/11
3	MANHOLE	11/11/11
4	MANHOLE	11/11/11
5	MANHOLE	11/11/11
6	MANHOLE	11/11/11
7	MANHOLE	11/11/11
8	MANHOLE	11/11/11
9	MANHOLE	11/11/11
10	MANHOLE	11/11/11

**BRAZORIA DRAINAGE DISTRICT NO. 4**

**SECTIONAL NOTES**

1. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

2. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

3. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

4. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

5. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

6. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

7. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

8. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

9. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

10. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

**STANDARD DETAILS**

NO.	DESCRIPTION	DATE
1	MANHOLE	11/11/11
2	MANHOLE	11/11/11
3	MANHOLE	11/11/11
4	MANHOLE	11/11/11
5	MANHOLE	11/11/11
6	MANHOLE	11/11/11
7	MANHOLE	11/11/11
8	MANHOLE	11/11/11
9	MANHOLE	11/11/11
10	MANHOLE	11/11/11

**BRAZORIA DRAINAGE DISTRICT NO. 4**

**SECTIONAL NOTES**

1. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

2. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

3. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

4. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

5. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

6. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

7. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

8. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

9. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

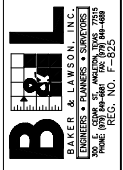
10. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MDT AND T&E SPECIFICATIONS.

**STANDARD DETAILS**

NO.	DESCRIPTION	DATE
1	MANHOLE	11/11/11
2	MANHOLE	11/11/11
3	MANHOLE	11/11/11
4	MANHOLE	11/11/11
5	MANHOLE	11/11/11
6	MANHOLE	11/11/11
7	MANHOLE	11/11/11
8	MANHOLE	11/11/11
9	MANHOLE	11/11/11
10	MANHOLE	11/11/11

**OWNER:**  
I&D Legacy Partners, LLC  
Mr. Alex Garcia  
22503 FM 521  
Angleton, Texas 77515  
Telephone: (832) 866-1053

The add appearing on this document was authorized by:  
Mr. Alex Garcia  
22503 FM 521  
Angleton, Texas 77515  
Telephone: (832) 866-1053  
Date: 11/11/11



DESIGNED	RLL
DRAWN	RLL
CHECKED	
DATE	

NO.	DATE	DESCRIPTION
1	06/27/23	PLAN SUBMITTAL
2	07/19/23	PLAN RESUBMITTAL PER BIDD FOR COMMENTS 1

STORM SEWER DETAILS  
(1 of 2)  
PROJECT NO. 15313  
C:10

